

~~FEBRUARY 3, 2011~~

Chula Vista Transportation Program Update

February 3, 2011

I-5 Corridor Study



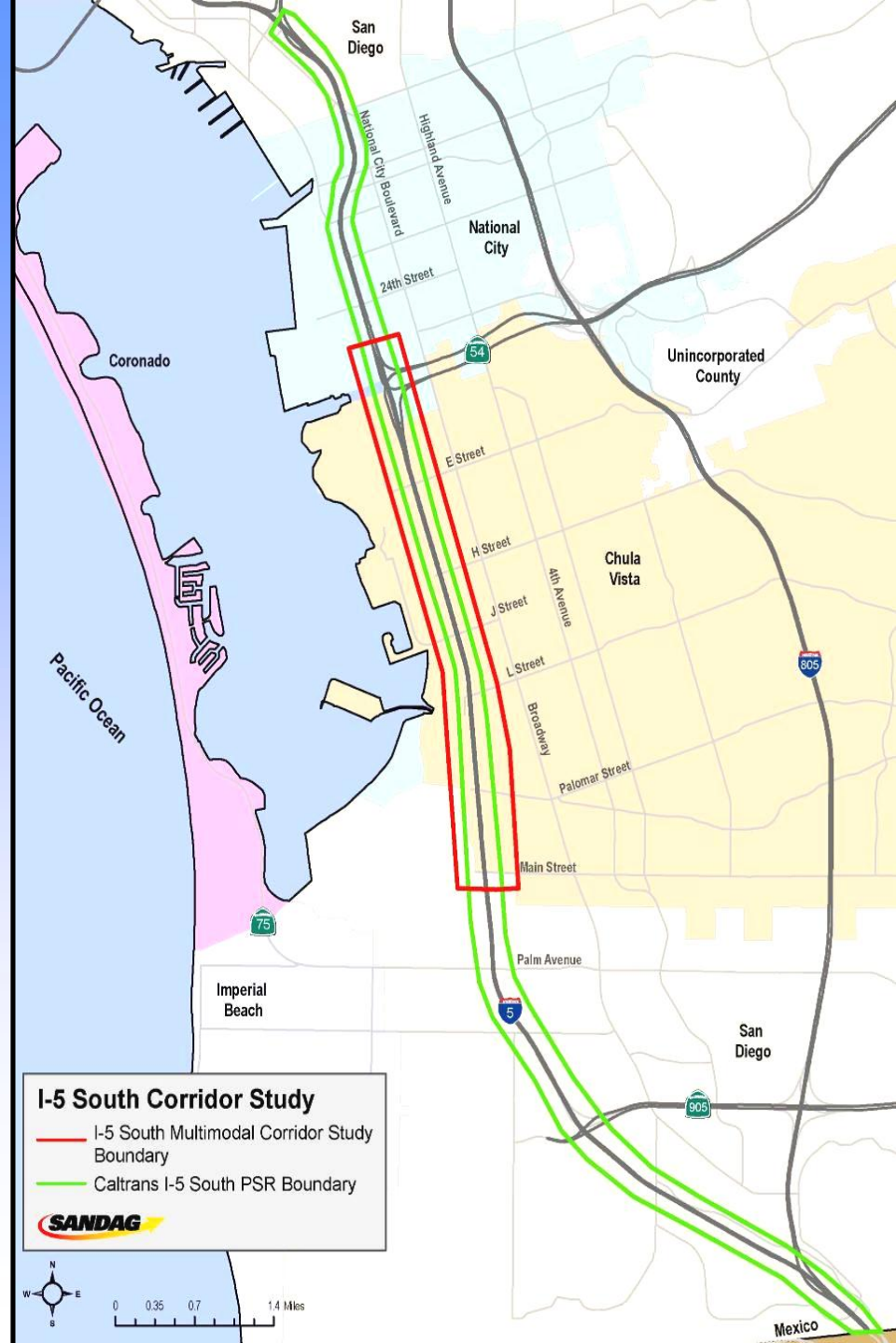
Interstate-5 Multi-modal Corridor Study

Purpose and Need of the study is to identify various forms of transportation existing along, adjacent to this corridor through Chula Vista and investigate ways of maximizing the effectiveness through multi-modal planning to meet anticipated demand through Year 2035.

Introduction

- Need for Local-Regional-State Partnership in Planning, Phasing and Funding.
- Need to look at future needs for: Interstate-5 freeway, Light Rail Trolley, Local & Regional Bus Service and non-motorized users.
- Need to integrate improvements with regional transportation plan.
- Need to comply with local bikeway and pedestrian master plans.

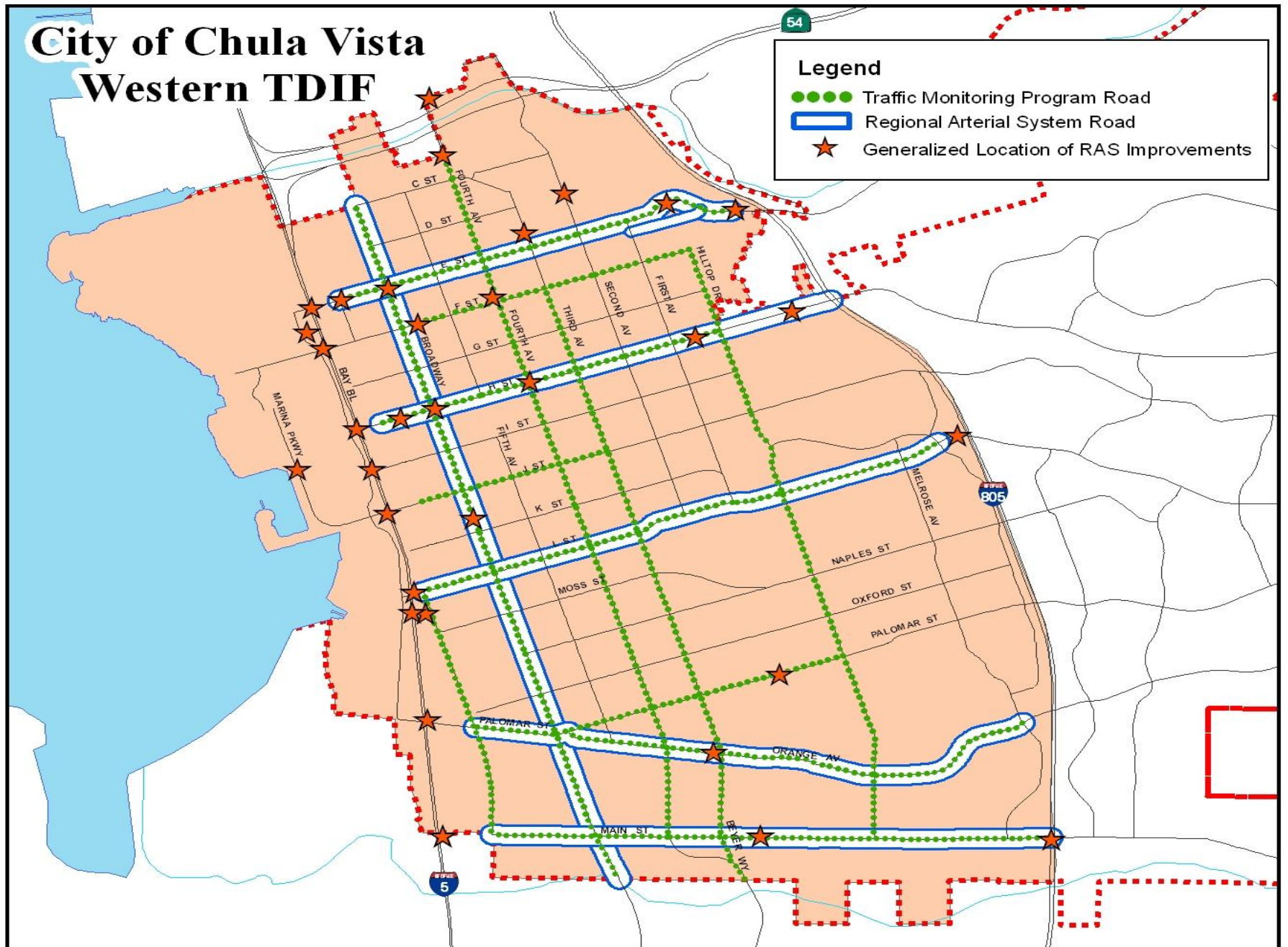
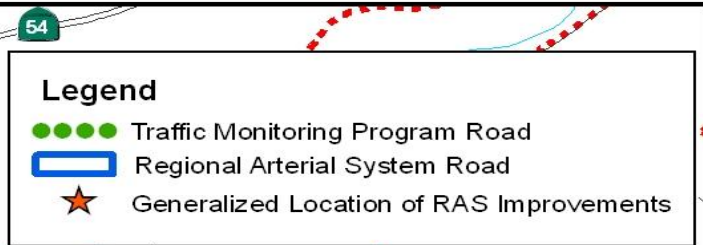
I-5 Corridor Study



Chula Vista's Interest in Corridor

- Congestion on I-5 and Local Streets
- Federal \$'s in SAFETEA-LU for H Street
- Many Challenges and Proposed Projects in the Corridor
- Earlier Attention to Corridor Will Help Achieve Goals

City of Chula Vista Western TDIF



I-5 Corridor Stakeholders

- Chula Vista
 - Bayfront and W. Chula Vista Redevelopment
 - I-5/H Street Interchange
 - Improve RR Operational Impacts on Local Streets
- SANDAG/Caltrans
- Port of San Diego
- Railroad Operators

I-5 Corridor Stakeholders

- Chula Vista
- SANDAG/Caltrans
 - I-5 Access Improvements and 8 + 2 HOV
 - Goods Movement Projects
 - Light Rail Grade Separations
- Port of San Diego
- Railroad Operators

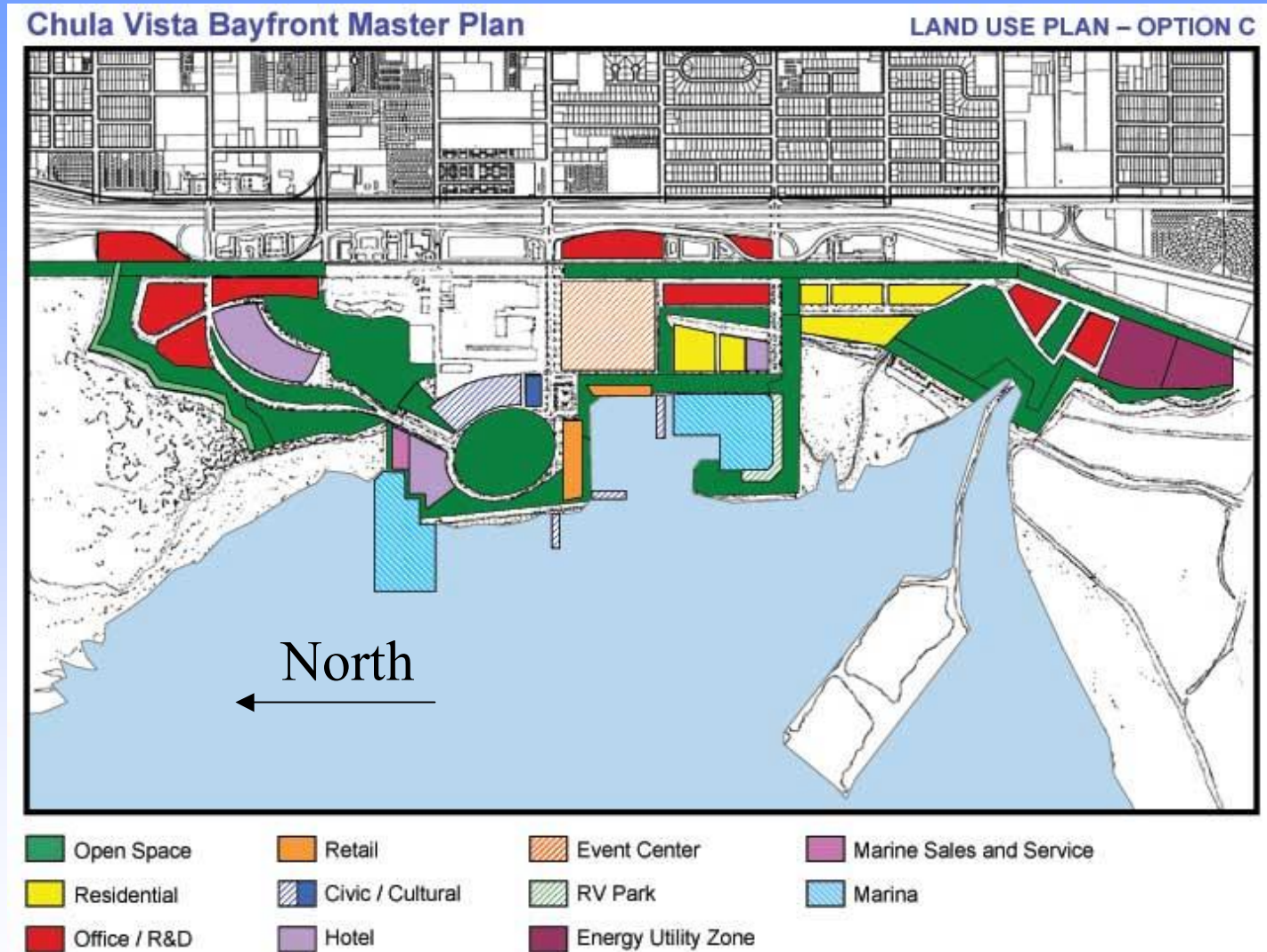
Western Chula Vista Redevelopment Review



I-5 Corridor Study



Bayfront Redevelopment Review



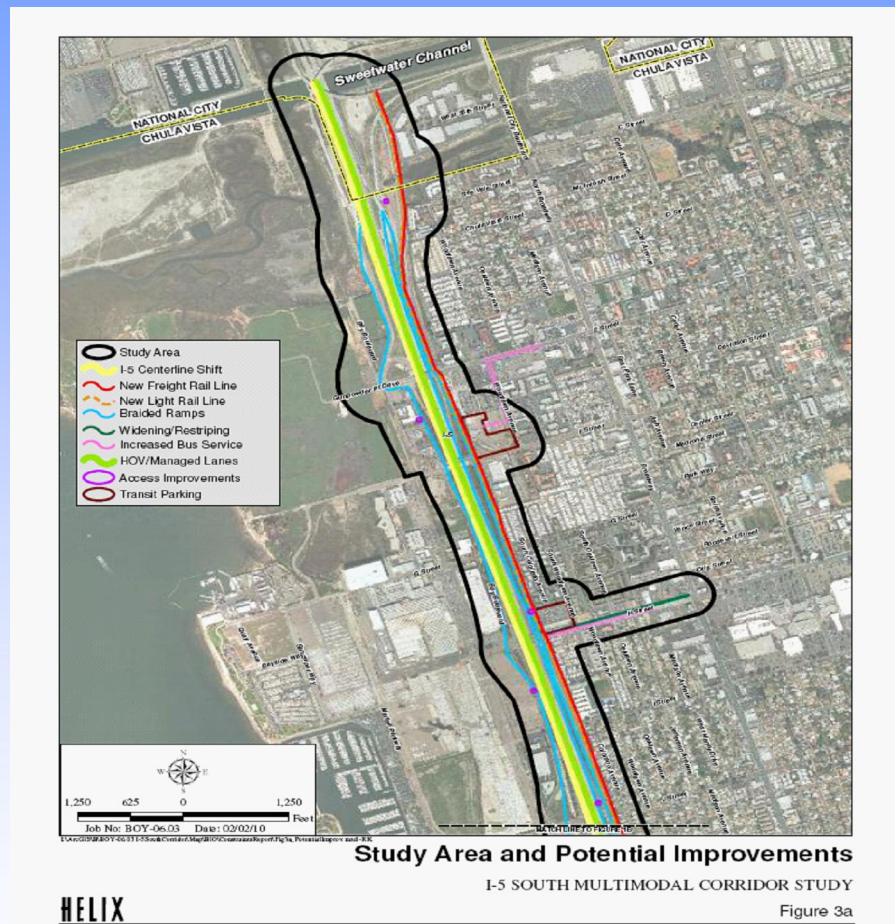
I-5 Corridor Study

I-5 Concept Study

- Pre-Environmental Level Study
- Considered a Range of Alternatives
- Identified System Constraints
- Goal to Identify Potential System Operational Improvements

North Study Area

- I-5 Widening & 2 HOV Lanes
- E Street I/C
- H Street I/C
- E Street Trolley
- H Street Trolley
- Increase bus service
- Freight rail improvements



I-5 Corridor Study



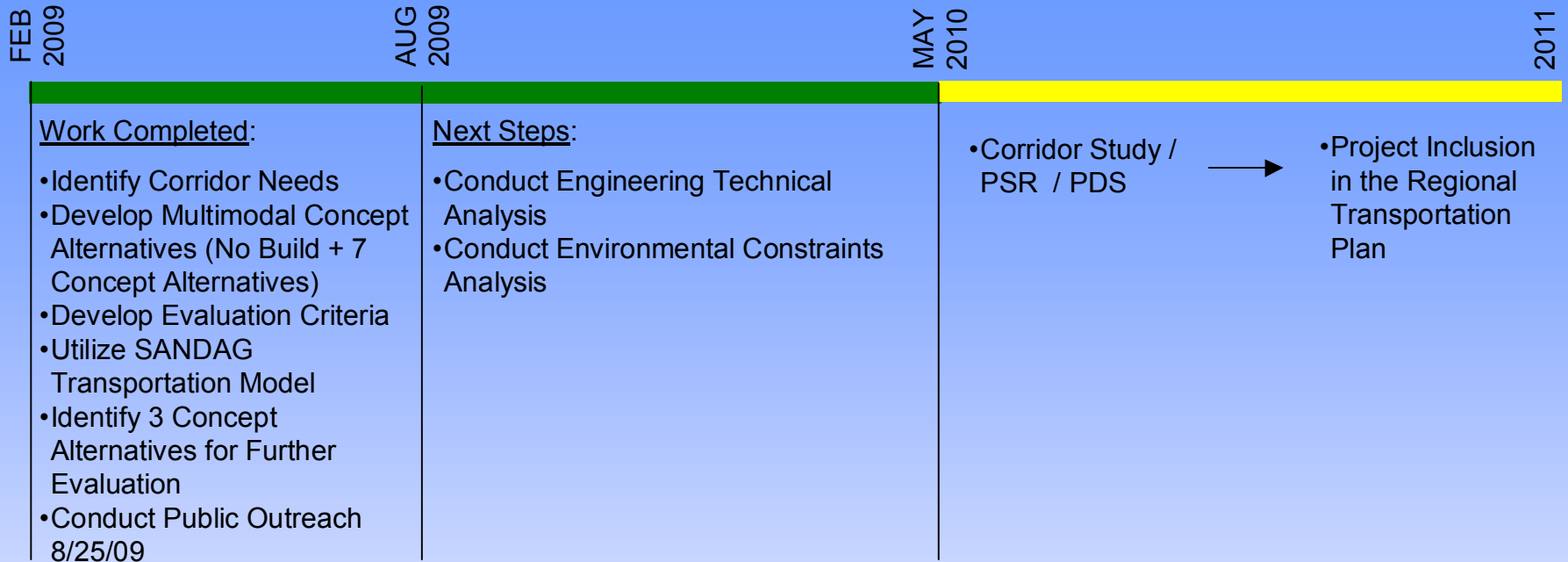
South Study Area

- I-5 Widening & 2 HOV Lanes
- J Street I/C
- L Street I/C
- Palomar Street I/C
- Main Street I/C
- Palomar Trolley
- Freight rail improvements

I-5 Corridor Study



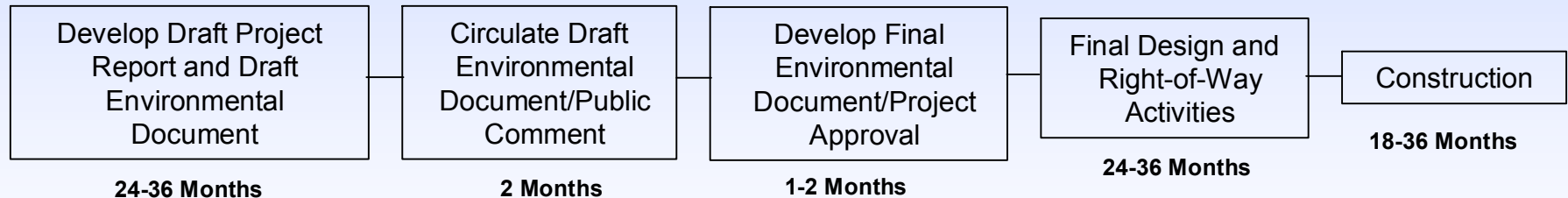
I-5 South Multimodal Corridor Study



After I-5 South Multimodal Corridor Study:

EXAMPLE PROJECT DEVELOPMENT SCHEDULE

Total project development time = Average 5-9 Years

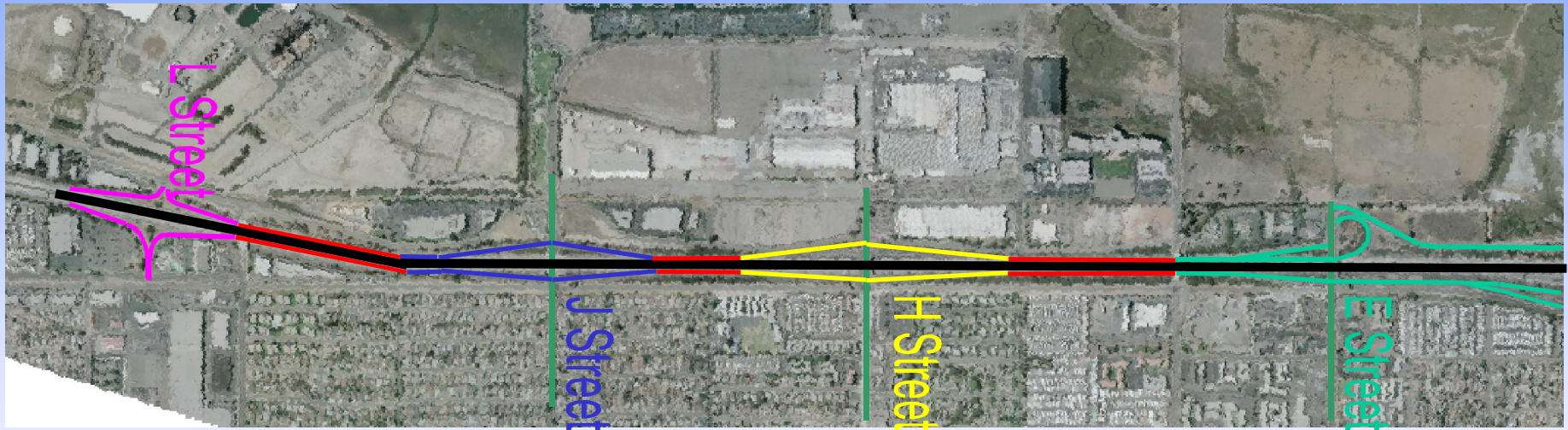


Total project development time varies. Where projects are to be built adjacent existing communities, disturb wildlife habitat or waterways, or affect historical sites or parks, research and planning takes longer. The greater number of agencies and private interests involved, may effect approval time. Funding availability also affects project development time.



I-5 Corridor Features

L Street to E Street

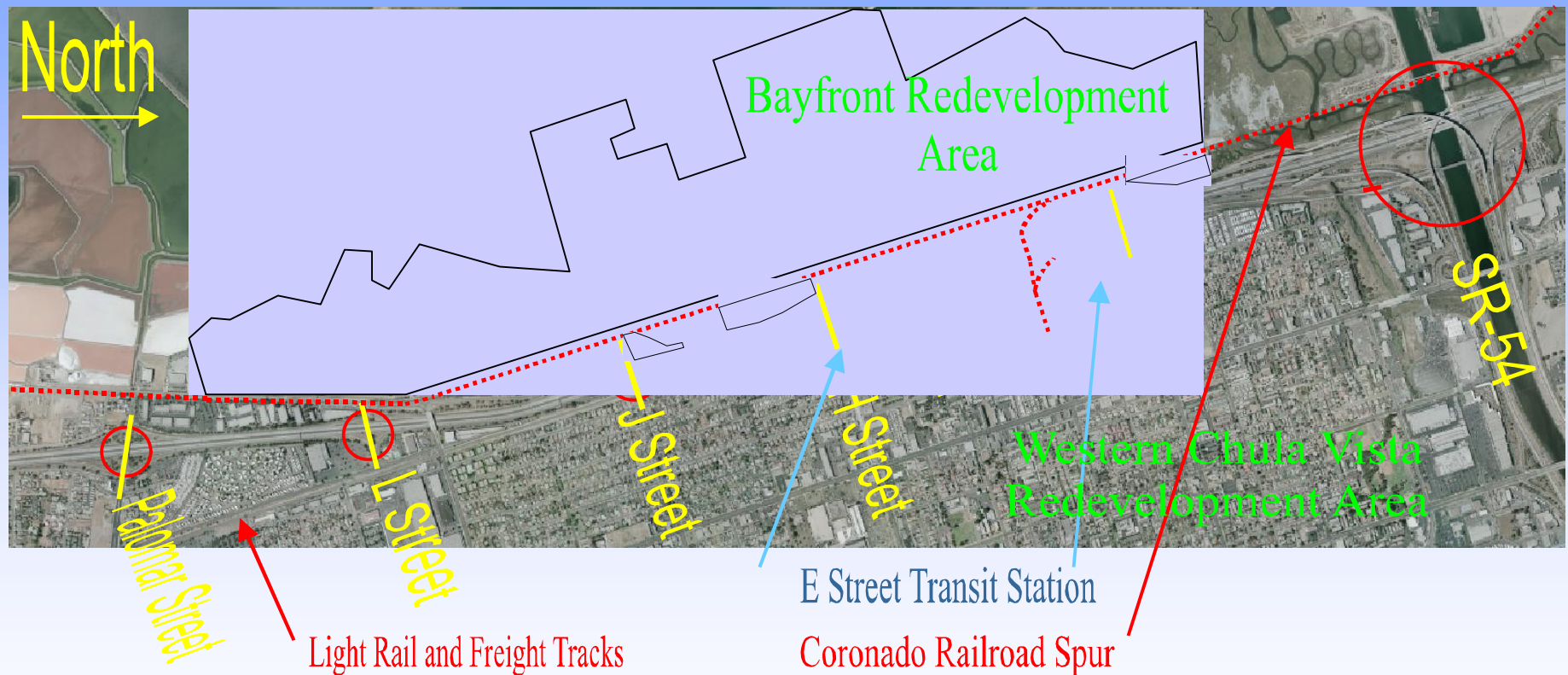


I-5 Corridor Study

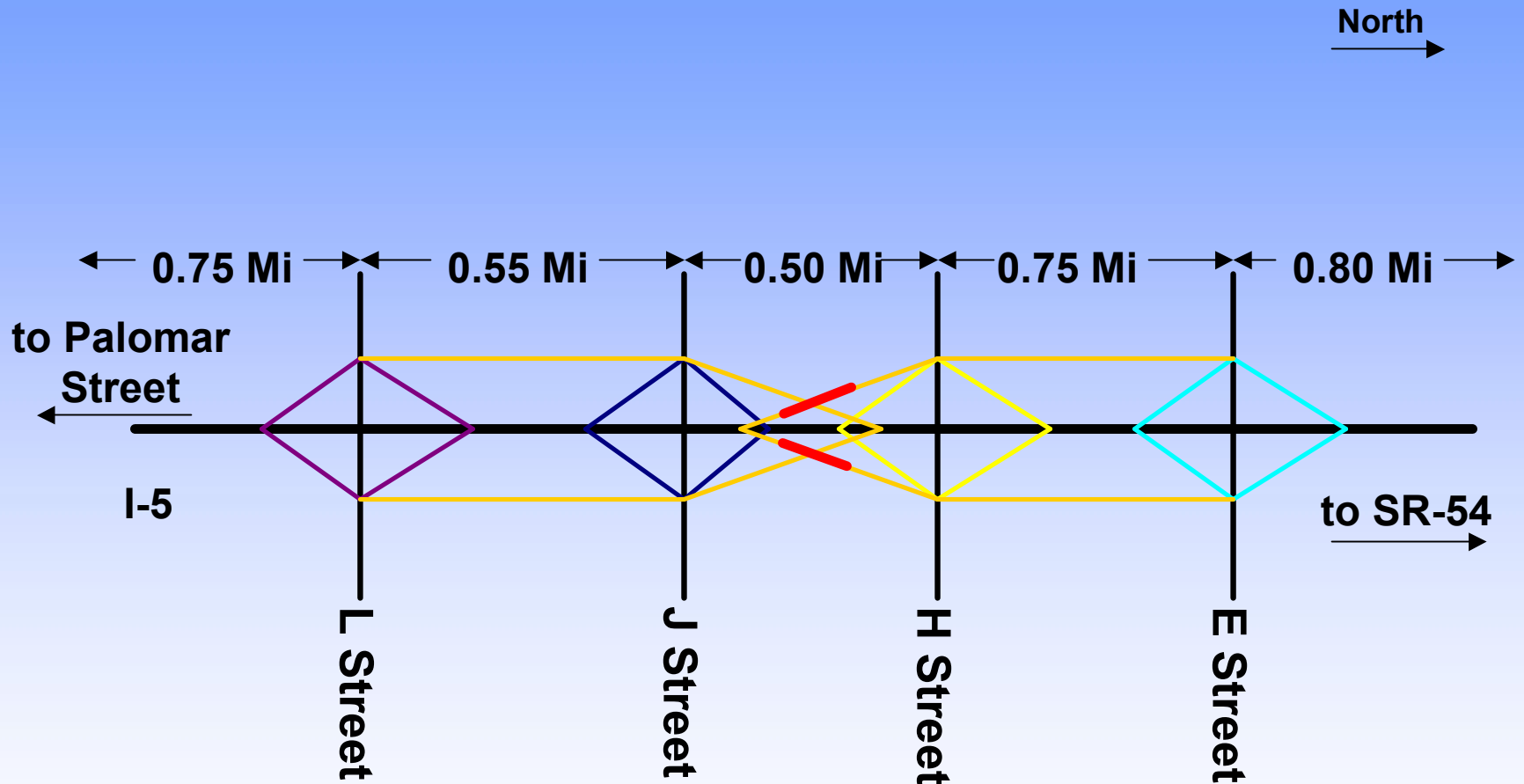


I-5 Corridor Features

Palomar Street IC to SR-54



Braided Ramp System

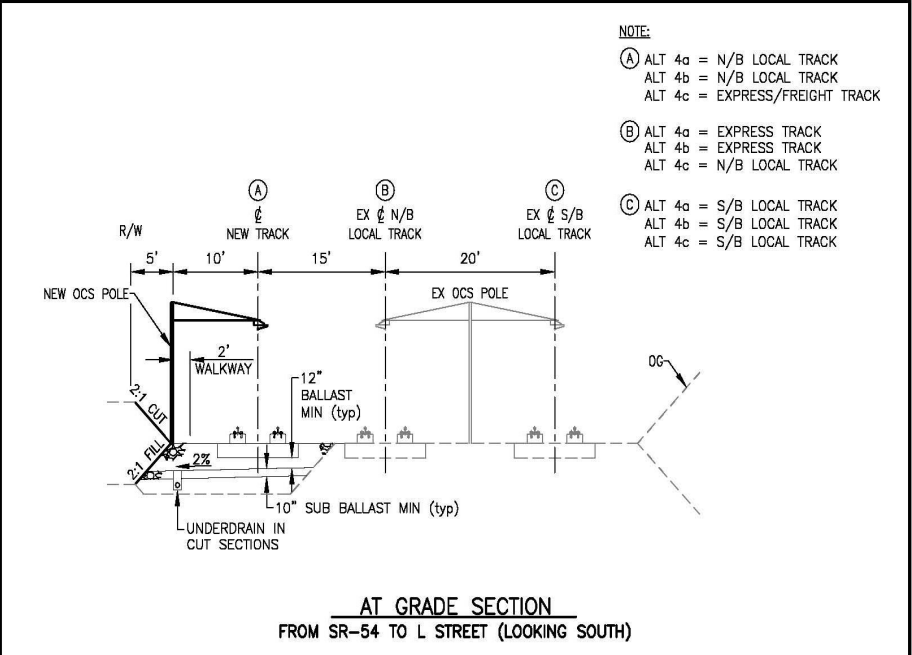
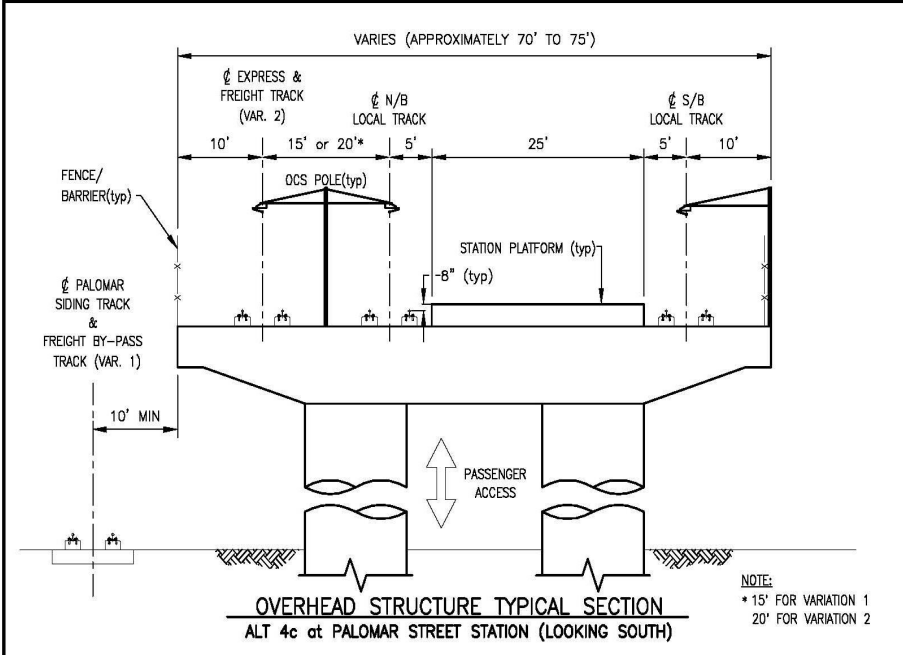
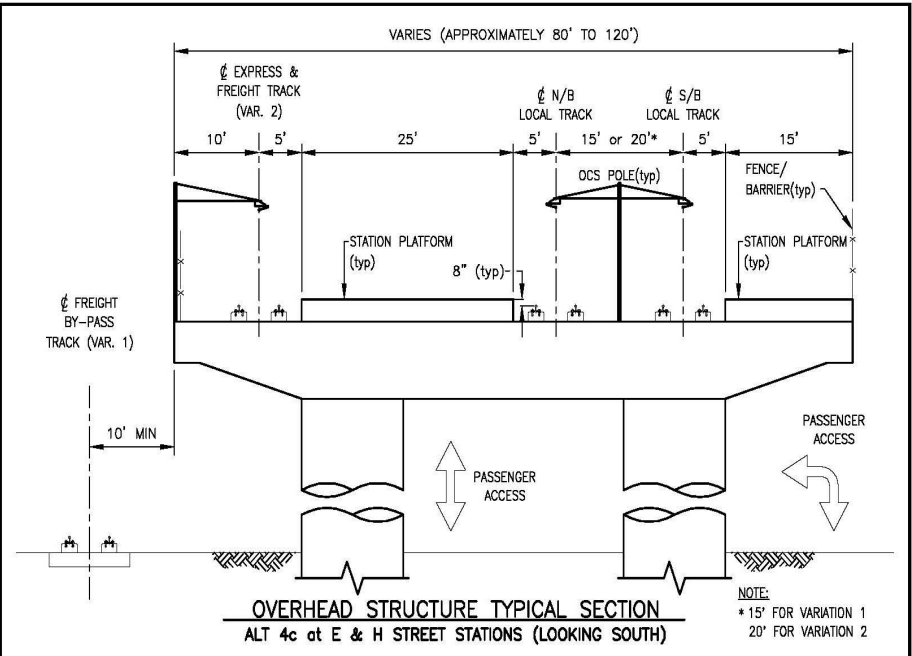
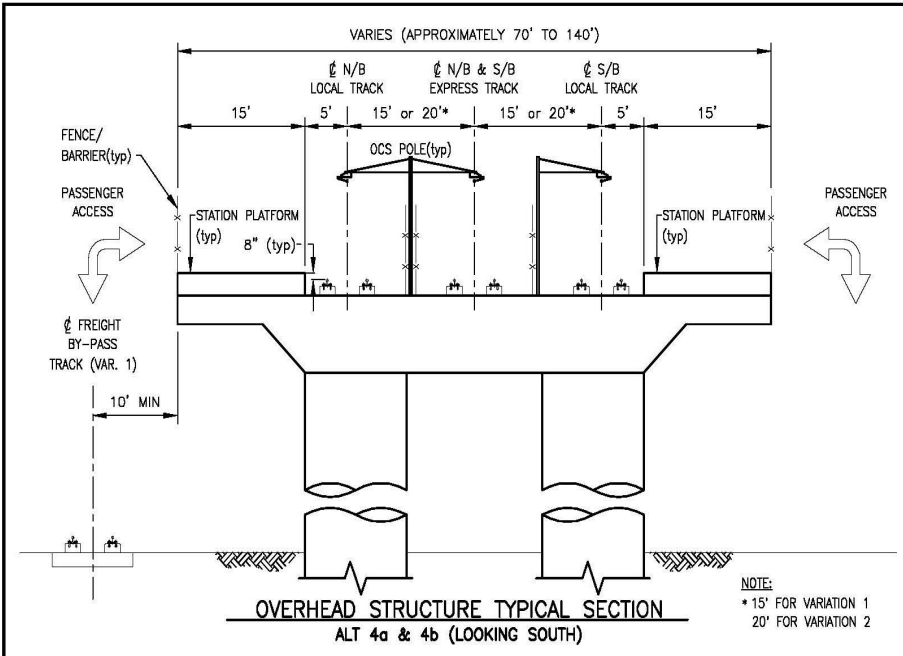


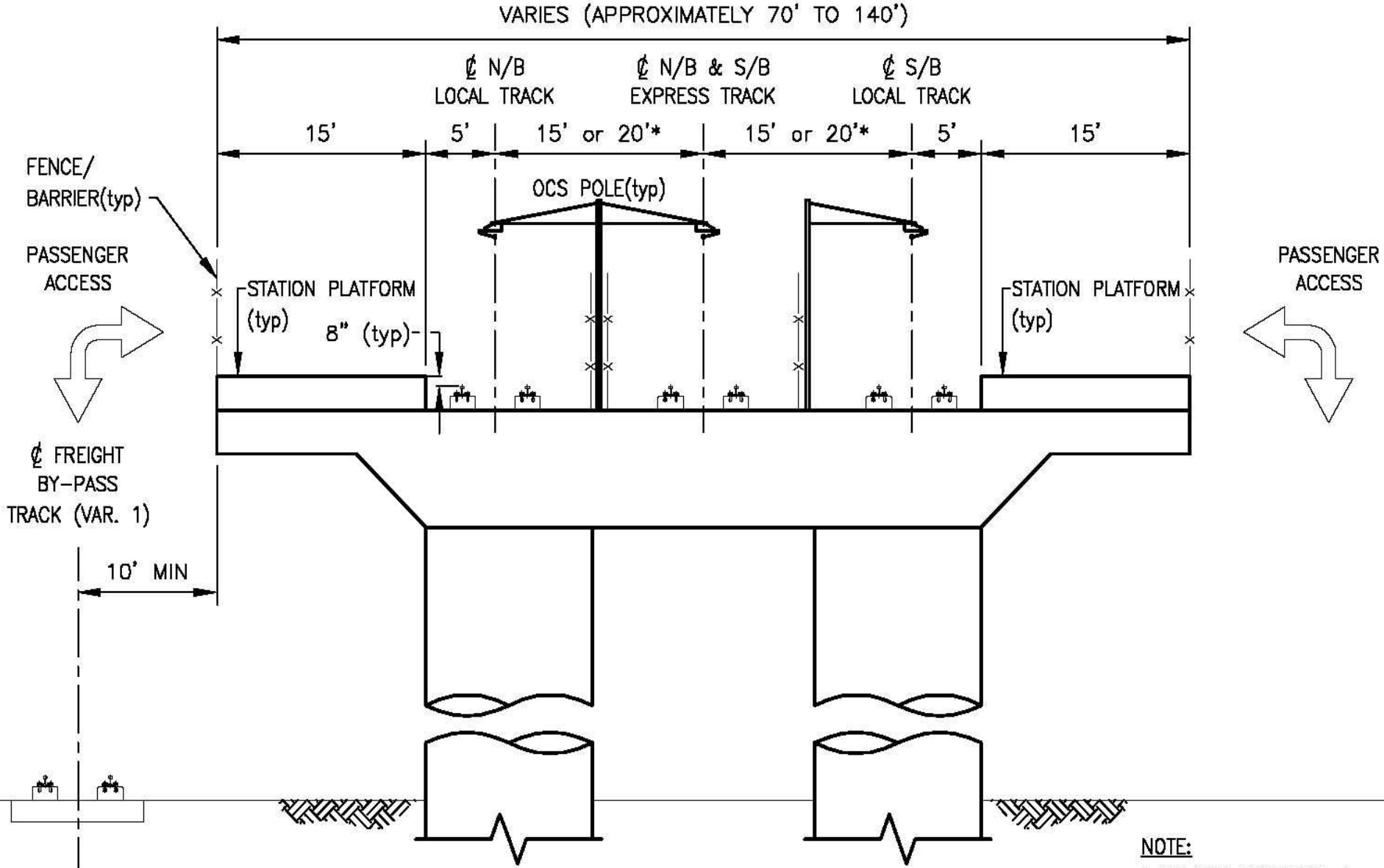
Interstate-5 Multi-modal Corridor Study Light Rail Trolley Improvements

MTS Blue Line Improvements

- E Street grade separation
- H Street grade separation
- Palomar Street grade separation
- Freight Rail improvements

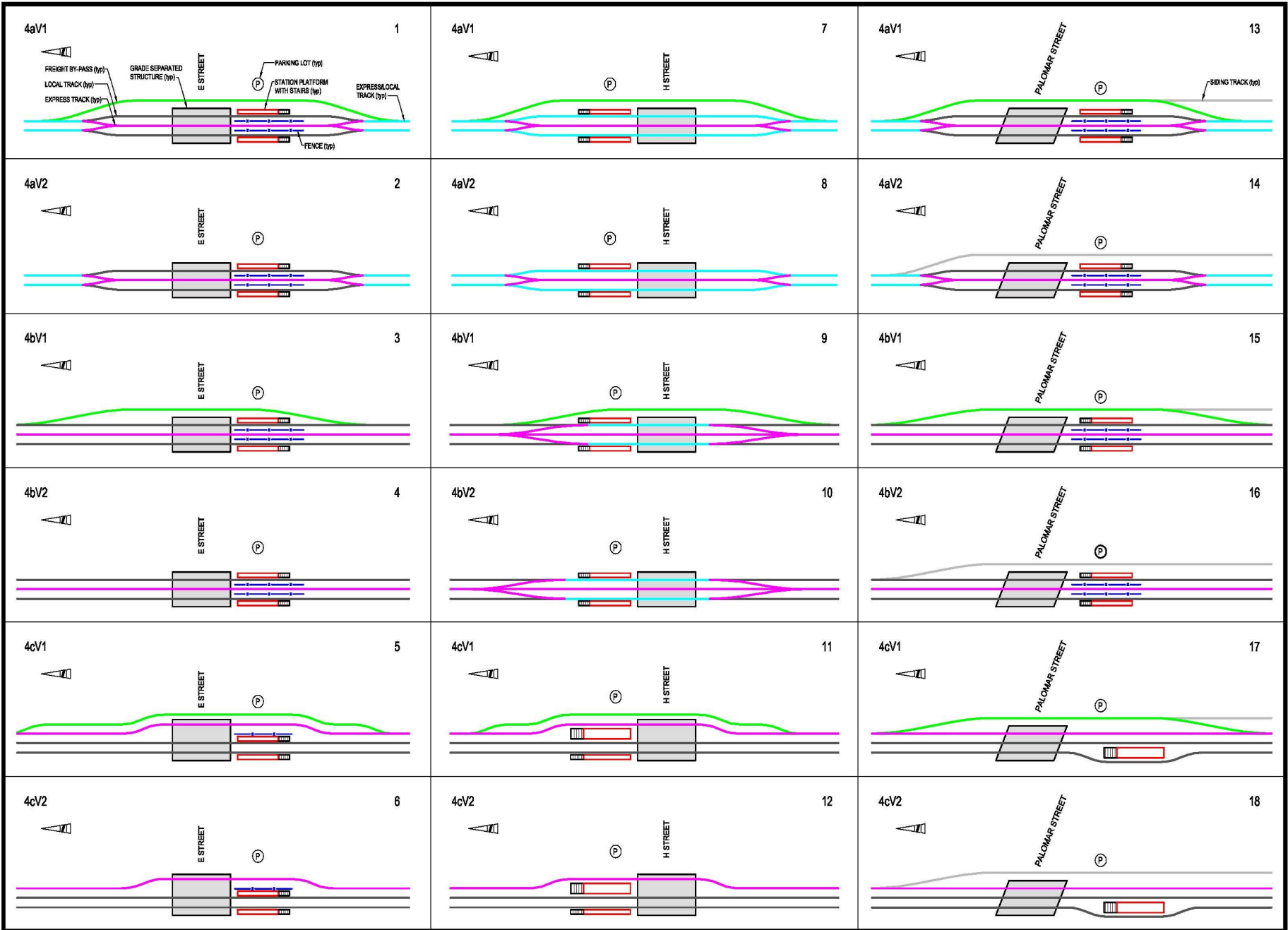






OVERHEAD STRUCTURE TYPICAL SECTION
ALT 4a & 4b (LOOKING SOUTH)

NOTE:
* 15' FOR VARIATION 1
20' FOR VARIATION 2



MTS Blue Line Recommendations

- E Street grade separation
- H Street grade separation
- Palomar Street grade separation
- Freight Rail improvements

